of 2

Sheet

QP5031 US NA

Under the Paperwork Reduction Act of 1995, no persons Substitute for form 1449A/PTO	Appri U.S. Patent and Traderi are required to respond to a collection of i	oved for use through 10/31/20 nark Office: U.S. DEPARTME nformation unless it contains a val	PTO/SB/08A (08-00) 002. OMB 0651-0031 NT OF COMMERCE id OMB control or mbase
STATEMENT BY APPLICANT	Application Number Filing Date	January 10, 2001	
	Group Art Unit	George E. Zahr	84 0

Examiner Name

Attorney Docket Number

Examiner Cite No.1		U.S. Patent Document	U.S. PATENT DOCU	MENTS	
		Number Kind Code ² (if known) 2,682,526	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Releva Passages or Relevant
AW		5,077,124	Flory	6/29/1954	Figures Appear
de		5,106,946	Clark, III et al.	12/31/1991	
Sw		5,139,729	Clark, III et al.	4/21/1992	
Su		3,365,428	Clark, III et al.	8/18/1992	
		3,763,113	Wujciak	1/23/1968	
2 V		3,944,518	Burrows et al.	10/2/1973	
W		4,912,175	Burrows et al.	3/16/1976	
W		4,966,949	Wheland et al.	3/27/1990	
su	T	3,730,685	Wheland	10/30/1990	
		5,370,935	Prohaska	5/1/1973	
		3,900,676	Agarwal et al.	12/6/1994	
	T	4,857,603	Alderson	8/19/1975	
		5,298,558	Akkapeddi et al.	8/15/1989	
W		5,326,830	Sullivan et al.	3/29/1994	
		5,357,030	Aharoni	7/5/1994	
1/		3,846,507	VanBuskirk et al.	10/18/1994	
			Thomm et al.	11/5/1974	

Examiner	Cite	Fo	reign Patent D	FOREIG	N PATENT DOCU	MENTS		
Initials* No.1	Office ³	Number⁴ WO	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant		
de		-	98/23666 GB 1 150	5	Dujari, Ramdas et al.	6/4/1998	Figures Appear	T ₆
de			725 JP 61-		Lincoln	4/30/1969		
yw)			171732 JP 50-		Arai et al. Moriyama et	8/2/1986		
SW			JP 63-	+	al.	5/3/1974		
			99228	++	Oshida et al.	4/30/1988		
				+				

Examiner	March			
Signature	18/11/11	Date		
EXAMINER: Initial if	reference		11/2	
considered. Include o	reference considered, whether or not citation is in-	conformance with MPER coo. p.	10/2002	_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with part communication to explicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. String of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		0			Complete if Known	<u></u>
			Application Number	T		
INFO	RMATION	DIS	CLOSURE	Filing Date	January 10, 2001	N 4
STATEMENT BY APPLICANT (use as many sheets as necessary)				First Named Inventor	George E. Zahr	_ુંΩ
				Group Art Unit		71
				Examiner Name		
Sheet	2	of	12	Attorney Docket Number	QP5031 US NA	<u>.</u>

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	NO.	R. GUTMANN, Improvement of polyamide yarn properties by processing polyamide blends, Chemical Fibers International, Volume 46, December 1996, pp. 418-420.	
gu Yv		FOSTER DEE SNELL AND LESLIE S. ETTRE, Determination of Polymer Composition, Encyclopedia of Industrial Chemical Analysis, Volume 17, John Wiley & Sons, New York, 1973, pp. 293-294.	
			
 			
	-		
	-		

Examiner Signature	A Wund	Date Considered	10	2002
Gigitature	whether or not citation is in c	onformance with MPEP 609. Drav	v line through dtatio	on if not in conformance and not

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through attation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. USPARTMENT OF COMMENCE U.S. DEPARTMENT OF COMMENCE U.S. DEPARTMENT OF COMMENCE U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent and Trademark Utice: U.S. DEPARTMENT OF COMMENCE U.S. Patent U.S. Patent U.S. DEPARTMENT OF COMMENCE U.S. Patent U.S. Patent U.S. DEPARTMENT OF COMMENCE U.S. Patent U.S. P PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

e a plus sign (+) inside this box

(use as many sheets as necessary)

Sheet of

perior to a contection	of information unless it contains a valid OMB control number.
	Complete if Known
Application Number	09/757,457
Filing Date	JANUARY 9, 2001
First Named Inventor	GEODOS 5
Group Art Unit	GEORGE E. ZAHR 1712
Examiner Name	
Attorney Docket Number	UNASSIGNED QP5031 US NA
	1 4 0001 US NA

Examiner		U.S. Pa	tent Document	U.S. PATENT DOCUMENTS					
Initials *	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Line Moere Relevan			
						Figures Appair			
		 				To A			
						7			
						<u> </u>			
						7			
						0			
						V			
	-		+						

Examiner	Cite	Fo	reign Patent Do	FOREIG cument	N PATENT DOCL	MENTS		
Initials*	No.1	Office ³ WO JP	Number ⁴ 9847940	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document Loontjens et al.	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
di di		EP WO JP	01 197526 0288253 9634909 61171732	A	Mineo et al. Nakane et al. Loontjens et al. Arai et al.	10/29/1998 08/09/1989 10/26/1998 11/07/1996 08/02/1986		

Examiner Signature			
- W 4-	Date Considered	10/2	
EXAMINER: Initial if reference considered, whether or not citation is in conficence. Include copy of this form with next communication to apply the	formance with MPEP 609, Draw	10/2002	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202

Unique citation designation number. See attached Kinds of U.S. Patent Documents. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. S Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a

Substitute for form 1449A/PTO

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/757,457 JANUARY 9, 2001 Filing Date GEORGE E. ZAHR First Named Inventor Group Art Unit 1712 **Examiner Name UNASSIGNED**

(use as many sheets as necessary) of Attorney Docket Number **QP5031 US NA** Sheet 2

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	, -
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Patent Abstracts of Japan, vol. 013, no. 494 (C-651), 8 November 1989 Patent Abstracts of Japan, vol. 010, no. 377 (C-392), 16 December 1986	T ²
		Patent Abstracts of Japan, vol. 013, no. 494 (C-651), 8 November 1989	
		Patent Abstracts of Japan, vol. 010, no. 377 (C-392), 16 December 1986	
		20 TAIL	
		75007	9
		00	
			

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.